Crop Wild Relatives (CWR) in situ data in EURISCO

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BPGV The Portuguese Plant Genebank
Strategic priorities

➢ To promote and strengthen the medium and long term *ex situ conservation* of cultivated species and CWR

➢ To promote and strengthen the *in situ conservation* of agrobiodiversity and CWR, in which the benefits of their usage, the farmer’s rights and the access to PGR are the core guiding lines

➢ To update and deliver the National Germplasm system of PGR

➢ To strengthen the documentation system through a common platform.
Introductory note

The collections of Plant Genetic Resources for agriculture in Portugal

Collections

1. Cereals; Grain legumes; Vegetables; Forrages; Medicinal and aromatic plantas; Fibers
2. Cucurbits
3. Lupinus; Coffea
4. Fibers; Forrages; Grain legumes
5. Apples
6. Pears
7. Sweet cherry; Sour cherry; Persimmon; Quince
8. Figs; loquat; Pomegranate
9. Almonds
10. Carob
11. Citrus
12. Olives
13. Grapes
14. Strawberry tree
15. European hazel
16. Walnut
17. Chestnut
18. Cereals; Grain legumes; Vegetables; Forrages; Medicinal and aromatic plantas; Fibers
The GRIN-Global Project
The GRINGlobal Project

http://bpgv.iniav.pt
TAKEOMI ETOH

JAPAN 1998
<table>
<thead>
<tr>
<th>Taxon</th>
<th>Acessions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Daucus carota</td>
<td>1</td>
</tr>
<tr>
<td>Daucus carota subsp. carota</td>
<td>33</td>
</tr>
<tr>
<td>Daucus carota subsp. hispidus</td>
<td>8</td>
</tr>
<tr>
<td>Daucus carota subsp. maritimus</td>
<td>40</td>
</tr>
<tr>
<td>Daucus carota subsp. maximus</td>
<td>15</td>
</tr>
<tr>
<td>Daucus carota subsp. sativus</td>
<td>16</td>
</tr>
<tr>
<td>Daucus crinitus</td>
<td>19</td>
</tr>
<tr>
<td>Daucus muricatus</td>
<td>9</td>
</tr>
<tr>
<td>Daucus spp.</td>
<td>7</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>148</strong></td>
</tr>
</tbody>
</table>
Aegilops collection

235 accessions
Adapting Agriculture to Climat Change Project 2013-2018
financed by the Crop Trust

Collection of *Avena, Daucus, Hordeum, Lathyrus, Lens, Malus, Medicago, Pisum, and Vicia* genepools
in Portugal
Universidade de Lisboa, INIAV-BPGV and ISOPLEXIS (Madeira) and Azores

*'High priority'*

*Daucus carota* L. subsp. *gummifer* (Syme) Hook. f.
*Malus sylvestris* Mill.
*Pisum sativum* L. subsp. *elatius* (Steven ex M. Bieb.) Asch. & Graebn.

*'Other priority'*

*Lathyrus sylvestris* L.
*Lens nigricans* (M. Bieb.) Godr.
There is a genetic reserve

Plano de ação no âmbito do projeto Life Recover Natura
Plano de monitorização e conservação para a Beta patula Aiton

Elaborado por Miguel Ângelo Carvalho, Humberto Nóbrega, Gregório Freitas
Contribuidores científicos equipas de campo do IFCN
Colaboradores externos Lothar Frese (consultor)

Beta patula Aiton [=Beta vulgaris subsp. patula (Aiton) Ford-Lloyd & J.T. Williams]
Next steps:

✔ Creation of the CWR national Inventory – CWR check list

✔ Prioritization of CWR for *in situ* conservation

CWR distribution analysis

*In situ* conservation priorities

*Ex situ* conservation priorities
Thank you very much